

## 2 Megapixel / H.264 / Day&Night

- 2 Megapixel 1/3" CMOS Sensor in High Resolution
- H.264/MJPEG Dual Codec & Streaming simultaneously
- Up to UXGA (1600x1200@15fps) / WXGA (1280x720@30fps)
- Digital I/O for External Sensor and Alarm
- Mechanical ICR(\*N1072/N1073)
- 3D Noise Reduction
- 2 Way Audio Support
- Micro SD Card Support
- 3GPP Support
- Wireless (Option)
- PoE Power Over Ethernet IEEE802.3af (Option)
- Sony Super Had CCD Sensor + Effio DSP (\*N1073) WDR (\*N1074)



### Specifications

Camera		I/O and Connectors	
Sensor	2 Mega Pixel 1/3" CMOS sensor	LAN	1x RJ45 Ethernet connector with LED
Scan Method	Progressive	Alarm I/O	1x Alarm-in (2pin), 1x Alarm-out (3pin)
Lens	C-Mount/CS-Mount	Audio	1x Audio Line-in (3.5mm jack), 1x Audio Line-out (3.5mm jack)
Number of Effective Pixel (H*V)	1600x1200	Software	
Minimum Illumination	0.1Lux (AT 30 IRE F1.4 Lens)	Browser	Internet Explorer 6.0 or above
SNR(max)	42.3db	Application Software	VMS Application Software
White Balance	Auto	OS supported	Microsoft Windows 2000, XP, Vista, Windows 7
Gain Control	High/Middle/Low, 3 step selection	Features	
Day and Night	ICR (Auto control by photo sensor; Manual control by CGI) IR-Cut Filter Removable (*Optional with N1072/N1073)	User Setting	
DNR	Yes	Date/ Time Setting	
Flicker Control	3 steps selection (Off, 50Hz, 60Hz)	Video image control	
Electronic Shutter	Auto, Slow shutter 5 steps selection (Off, 2X, 4X, 8X, 16X)	Upload configuration	
Video		Dynamic DNS	
Video Compression	H.264 BP, MJPEG dual codec, dual streaming, multiple profiles	Motion Detection	
Video Framerate	dual streaming (1280x720/30FPS+640x352/30FPS)	Events	
Resolution	H.264 : 1600x1200, 640x480/320x240/160x128 1280x720, 640x352/320x176/192x112 MJPEG: 1600x1200, 640x480/320x240 1280x720, 640x352/320x176	Triggered Actions	
Bitrate control	Both CBR and VBR, 128kbps ~ 4Mbps	Blind Detection	
Multi-streams	Maximum triple video streams: 1280x720 H.264/30FPS + 640x352 H.264/30FPS + 1280x720 MJPEG/15FPS 1600x1200 H.264/15FPS + 640x480 H.264/15FPS + 1600x1200 MJPEG/15FPS	Privacy Mask	
Digital Zoom (PC side)	Yes, 1/2X, 1X, 2X, 4X	Open API	
Image Rotation	Mirror, Flip, Rotate 180	CGI commands to control camera	
Audio		Media SDK to handle streaming	
2 Way Audio	Yes	Factory Default	
Compression	AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate	Button	
Network		Power	
Streaming Protocols	RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP tunneling, LAN Multicast, Multipart-JPEG	Power	DC 12V DC12V/ POE (Option) DC12V/AC24V (Option)
Supported Protocols	IPv4, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP	Power Consumption	
3GPP Mobile Surveillance	Yes	TBD	
Processors and Memory		Physical Properties	
CPU	ARM9 SOC	Dimensions	TBD
Flash and Memory	16MB NOR flash, 256MB DDRII	Weights	TBD
Storage		Operating environment	
External	1x Micro SD card	Operating temperature	-10°C~ +50°C
		Storage temperature	-20°C~ +70°C
		Humidity	0% ~ 90% non-condensing
		Certification	
		CE, FCC Class A, RoHS	
		Warranty	
		24 months	

### Dimension Diagram



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